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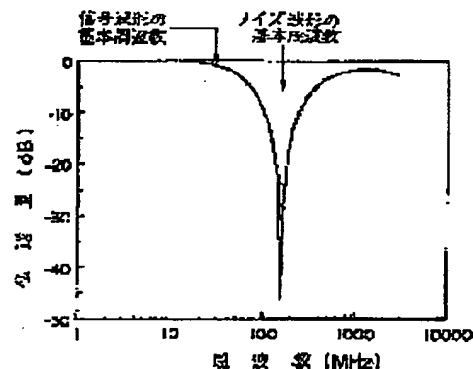
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## (54)MODULE BOARD FOR ELECTRONIC COMPUTER

## (57)Abstract:

**PURPOSE:** To lessen simultaneous switching noises generated by the influences of the discontinuity of signal lines in impedance in an electronic computer and the inductance of a power supply by a method wherein the transmission volume ratio of signals to noises is set lower than a specific value.

**CONSTITUTION:** Data transmission is executed in the signal transmission system of an electronic computer through such a manner that signal waves are outputted from an LSI driver and received by an LSI receiver. In a board constituted as above, the transmission volume of signal or noise waves is defined as the input energy of a receiver against the output energy of a driver. Provided that the transmission volume of signal waves required for data transmission is represented by A, and the transmission volume of noise waves of specific frequencies not required for data transmission is represented by B, the transmission volume ratio B/A is set smaller than 50%. By this setup, signals can be shortened in rise time, so that an electronic computer is capable of executing an operation at a higher speed.



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